

ABSTRACTSANDWICH MATERIAL

5       A sandwich material comprising two metal plates affixed to and separated by a fibrous core, is characterised in that the core comprises a three-dimensional porous network comprising metal fibres, wherein substantially all of the fibres are inclined at an acute 10 angle to the plates. The sandwich material is lightweight, thin and handles like a monolithic sheet. It displays high beam stiffness and is easy to weld. It is therefore particularly useful in the manufacture of aircraft and vehicle parts.